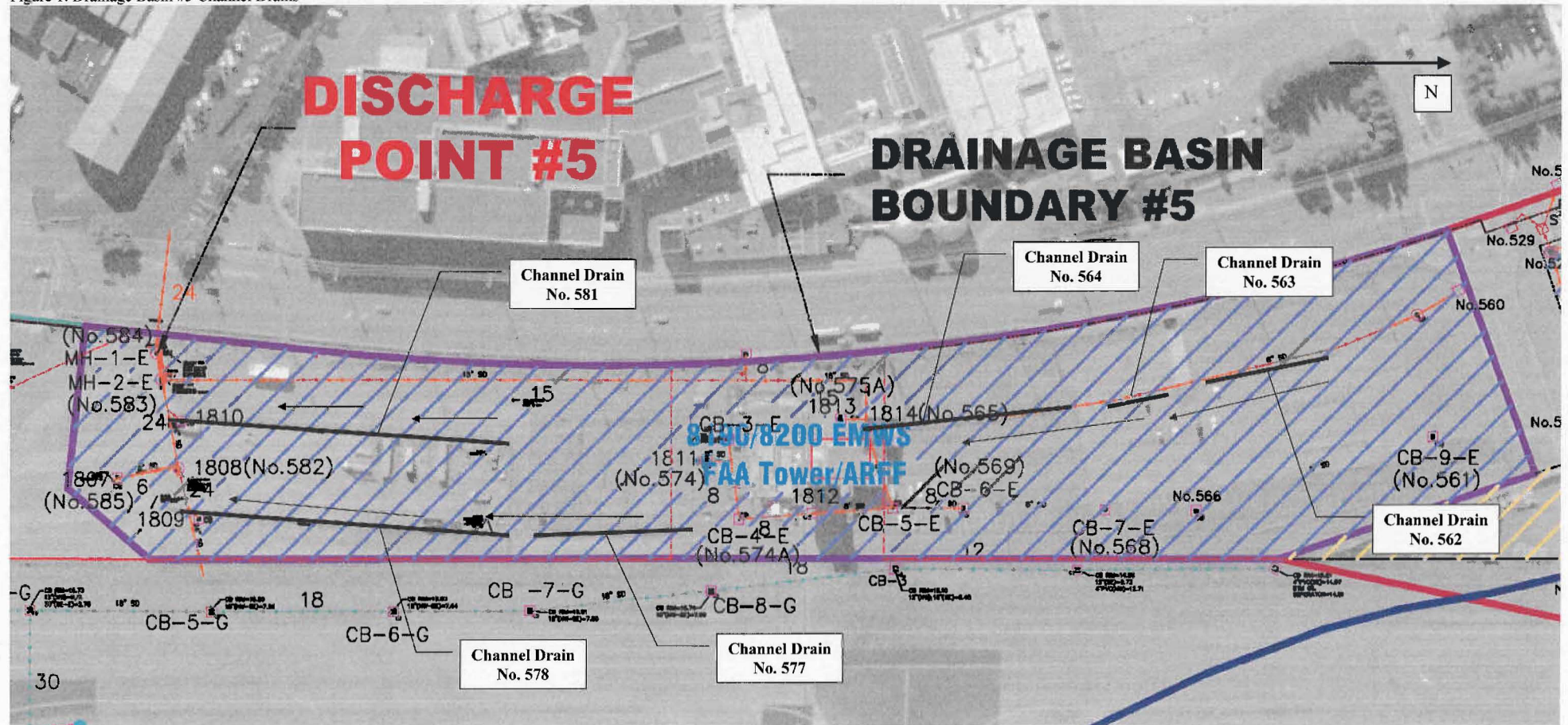


Drainage Basin #5 – Channel Drains

Six Channel Drains are located within Drainage Basin #5 (Figure 1), which drain the parking areas north and south of the FAA Control Tower. Channel Drains No. 562-564 (Figure 2 & 3) are located within the North Boeing Field (NBF) lease area and Channel Drains No. 577 & 578 (Figure 4), and No. 581 (Figure 5) are located within Airport property. Stormwater from the parking areas are conveyed via sheetflow to the channel drains through the channel drain inlets (Figure 6). Stormwater is also conveyed via sheetflow to catch basins, such as in the control tower parking area and the NE corner of the basin.

From the channel drains, stormwater is conveyed southward to downstream catch basins located within the channel drains (Figure 7). Drainage from the NBF channel drains are conveyed southward through stormwater piping and intersects drainage from the Airport channel drains at MH-2-E. Stormwater is discharged offsite in a westerly direction through MH-1-E.

Figure 1. Drainage Basin #5 Channel Drains



Drainage Basin #5 Channel Drains



Figure 2. Looking South at Channel Drain No. 562 in NBF lease area.



Figure 4. Looking North at Channel Drains No. 578 (foreground) & No. 577 (not shown) in Airport property.



Figure 6. Channel drain inlet.



Figure 3. Looking South at Channel Drains No. 563 (foreground) and No. 564 (at red truck) in NBF lease area.



Figure 5. Looking North at Channel Drain No. 581 in Airport property.



Figure 7. Catch basins located downgradient and inside channel drains